

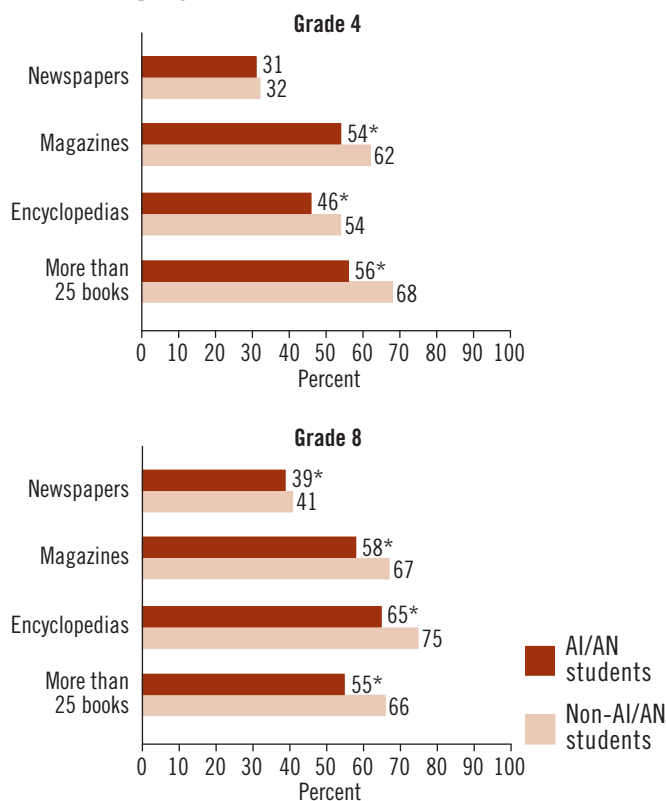
## What literacy materials are available in the home?

The availability of literacy materials in the home has been reported to be related to student achievement (Shaughnessy, Nelson, and Norris 1998). Students were asked about the presence of reading materials (newspapers, magazines, encyclopedias, and books) in their homes. See the Technical Notes for more information about the four categories reported.

At grade 4, lower percentages of AI/AN students than non-AI/AN students reported having magazines, encyclopedias, or more than 25 books available in their homes (figure 1-9). At grade 8, compared to non-AI/AN students, lower percentages of AI/AN students reported having each type of literacy materials in their homes.

Compared to AI/AN students attending low density schools, lower percentages of fourth- and eighth-grade AI/AN students from high density schools reported having encyclopedias and more than 25 books in their homes (figure 1-10).

Figure 1-9. Percentage of fourth- and eighth-grade students, by types of literacy materials in their homes and student group: 2007

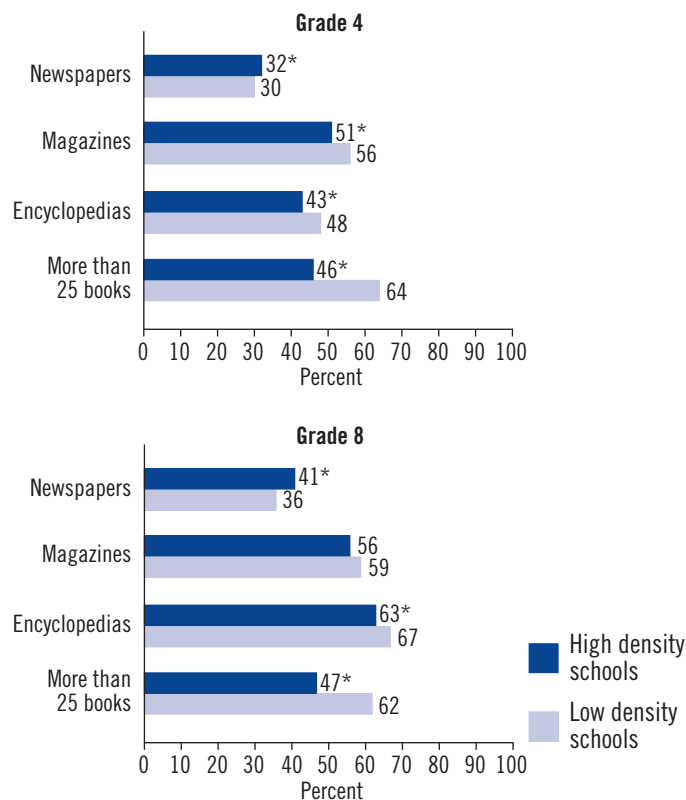


\* Significantly different ( $p < .05$ ) from non-AI/AN students.

NOTE: AI/AN = American Indian/Alaska Native.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

Figure 1-10. Percentage of fourth- and eighth-grade AI/AN students, by types of literacy materials in their homes and school density: 2007



\* Significantly different ( $p < .05$ ) from low density schools.

NOTE: AI/AN = American Indian/Alaska Native. School density indicates the proportion of AI/AN students enrolled. High density schools have 25 percent or more AI/AN students. Low density schools have less than 25 percent.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.

In comparison to their peers attending public schools, higher percentages of BIE school students at both grades reported receiving a newspaper at home, while lower percentages reported having magazines, encyclopedias, or more than 25 books (table 1-5).

Table 1-5. Percentage of AI/AN students, by grade, type of school, and types of literacy materials in their homes: 2007

Types of literacy materials at home	Grade 4		Grade 8	
	Type of school		Type of school	
	Public	BIE	Public	BIE
Newspapers	31	34*	38	43*
Magazines	54	45*	57	53*
Encyclopedias	46	38*	66	54*
More than 25 books	58	36*	56	37*

\* Significantly different ( $p < .05$ ) from public schools.

NOTE: AI/AN = American Indian/Alaska Native. BIE = Bureau of Indian Education. Results are not shown for Department of Defense and private schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007 Mathematics Assessment.